

WHAT IS CLAIMED IS:

1. An apparatus for adjusting width of drive channel of nailer comprising:

a channel assembly interiorly defined with a track corresponding
5 to band of nails, on the surface of the channel assembly where
corresponding to a side of the track is provided with a slot, in which a
plurality of open recesses is defined respectively, above the slot thereof
defined with a groove which is provided at both sides with a first hole
and a second hole, and a necking groove defined therebetween for
10 connecting them together;

a push plate slidably disposed in the slot of the channel assembly
for pushing the band of nails and provided at a side corresponding to
open recesses of the channel assembly with a plurality of blocks for
corresponding to open recesses respectively, at another portion of the
15 push plate where corresponding to the groove of the slot is further
provided with a locking seat having a top surface lower than that of
respective blocks;

an adjusting bolt including a rod portion and a push head, a
diameter of which corresponding to that of the necking groove of the
20 groove of the channel assembly, the rod portion screwed in the locking
seat of the push plate after passing through the groove, on the rod portion
adjacent to the front end thereof a flange defined and having an external
diameter corresponding to the first and second hole of the groove;

a spring mounted to the rod portion of the adjusting bolt and biased between the push head of the same and external surface of the channel assembly.

2. The apparatus for adjusting width of drive channel of nailer as
5 claimed in claim 1, wherein the slot of the channel assembly is corresponding to a long-strip slot at a side of the track.

3. The apparatus for adjusting width of drive channel of nailer as claimed in claim 1, wherein a threaded hole is defined in the locking seat of the push plate and located corresponding to the groove, the rod portion
10 has plural threads formed at the front end thereof, which are screwed in the threaded hole of the locking seat of the push plate by virtue of the threads after passing through the groove.

4. The apparatus for adjusting width of drive channel of nailer as claimed in claim 1, wherein a washer is disposed between the spring and
15 the external surface of the channel assembly and to be mounted onto the rod portion of the adjusting bolt by virtue of a through hole defined at the center thereof.

5. The apparatus for adjusting width of drive channel of nailer as claimed in claim 4, wherein at the periphery of the flange of the adjusting
20 bolt is defined with a chamfer, and the through hole of the washer is provided for passage of the rod portion, around the periphery of the through hole thereof another chamfer is defined for corresponding to that of the flange of the rod portion.